

Technical Information

VESTANAT® EP-MF 203 and VESTANAT® EP-MF 204

THE NEXT GENERATION IN CROSSLINKER AND BINDER TECHNOLOGY FOR HIGH PERFORMANCE, POLYURETHANE COATINGS

VESTANAT® EP-MF 203 and VESTANAT® EP-MF 204 are the next generation of polyfunctional methoxysilanes containing zero solvents and are for use in highly scratch resistant NISO coatings*.

VALUE PROPOSITION & KEY BENEFITS COMPARED TO VESTANAT® EP-MF 201 AND EP-MF 202

Processing

- Drying/curing time up to 10% faster
- Appearance and DOI** improved
- Tensile strength up to 20% higher
- Lower formulation viscosities
- Improved anti-scratch characteristics

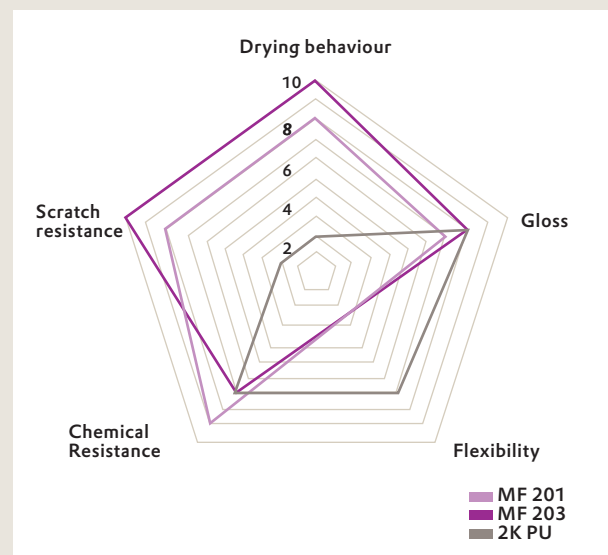
FORM & USAGE

Transparent, low viscosity and easy-to-handle liquids used as a hardener, moisture-curable binder, or in combination with appropriate co-binders (e.g. acrylic resins).

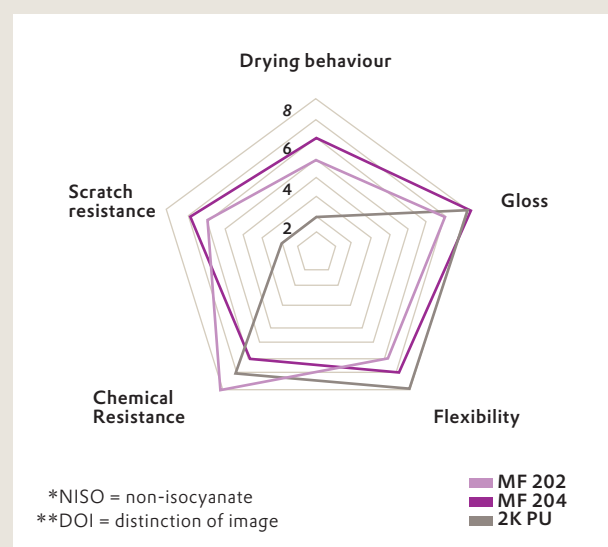
CHARACTERISTICS

VESTANAT®	Viscosity at 23°C	Active Ingredient	Tensile strength of the cured film DFT 1 mils
High resistance grades			
EP-MF 201	ca. 250 mPas	100%	up to 15 mPa
New EP-MF 203	ca. 200 mPas	100%	up to 20 mPa
Flexible grades			
EP-MF 202	ca. 2500 mPas	100%	up to 45 mPa
New EP-MF 204	ca. 2000 mPas	100%	up to 55 mPa

VESTANAT® EP MF-201 VS. EP MF-203



VESTANAT® EP MF-202 VS. EP MF-204



*NISO = non-isocyanate
**DOI = distinction of image

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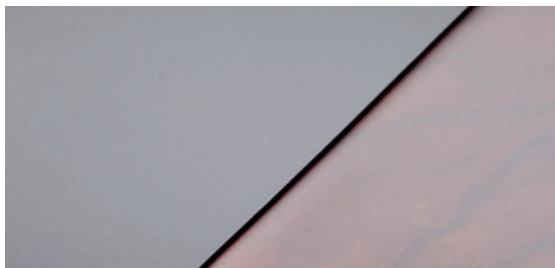
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APPLICATION

Scratch resistant, ambient curing coatings for wood, plastic and maintenance applications demanding the highest performance characteristics.

INVENTORY STATUS

TSCA: pending DSL: pending REACH: listed



VESTANAT® EP-MF
grade based clearcoat



Standard 2K PUR
clearcoat

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